

CLAIMS

1. A zoom lens including a plurality of lens groups and performing zooming by changing an inter-group distance, the zoom lens being characterized in that, of the plurality of lens groups, a lens group on a most object side has a positive refractive power and is fixed, wherein a reflection member for bending an optical axis is provided in the lens group and the reflection member is formed of a prism having a negative refractive power.
2. A zoom lens according to claim 1, characterized in that the reflective member is disposed on the most object side.
3. A zoom lens including a plurality of lens groups and performing zooming by changing an inter-group distance, the zoom lens being characterized in that a reflective member for bending an optical axis is disposed in a lens group on a most object side of the plurality of lens groups, wherein the reflection member is formed of a prism having a negative refractive power and an intermediate aperture position is fixed during zooming.
4. A zoom lens according to claim 3, characterized in that the reflective member is disposed on the most object side.
5. A zoom lens according to any one of claims 1 to 4,

characterized in the reflective member is formed of a prism satisfying Conditional Expression (1):

$$1.7 < N_{pd} \quad (\text{Conditional Expression (1)})$$

where,

N_{pd} = a refraction index of the prism forming the reflective member.

6. An imaging apparatus having a zoom lens including a plurality of lens groups and performing zooming by changing an inter-group distance, and an imaging device for converting an optical image formed by the zoom lens to an electric signal, the imaging apparatus being characterized in that, of the plurality of lens groups, a lens group on a most object side has a positive refractive power and is fixed, wherein a reflection member for bending an optical axis is provided in the lens group and the reflection member is formed of a prism having a negative refractive power.

7. An imaging apparatus according to claim 6, characterized in that the reflective member is disposed on the most object side.

8. An imaging apparatus having a zoom lens including a plurality of lens groups and performing zooming by changing an inter-group distance, and an imaging device for converting an optical image formed by the zoom lens to an

electric signal, the imaging apparatus being characterized in that a reflective member for bending an optical axis is disposed in a lens group on a most object side of the plurality of lens groups, wherein the reflection member is formed of a prism having a negative refractive power and an intermediate aperture position is fixed during zooming.

9. An imaging apparatus according to claim 8, characterized in that the reflective member is disposed on the most object side.

10. An imaging apparatus according to any one of claims 6 to 9, characterized in the reflective member is formed of a prism satisfying Conditional Expression (1):

$$1.7 < Npd \quad (\text{Conditional Expression (1)})$$

where,

Npd = refraction index of the prism forming the reflective member.